PATENT
Attorney Docket No.: <u>AVALUC-01500</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	) Group Art Unit: 2662
	)
Chih-Yuan Chang	) Examiner: Nguyen, Hanh
	)
Serial No.: 09/649,265	) **AMENDMENT AND RESPONSE TO**
	) **OFFICE ACTION MAILED ON**
Filed: August 28, 2000	) **December 17, 2003**
	)
For: **AN ADAPTIVE CELL**	) 162 N. Wolfe Road
SCHEDULING ALGORITHM FOR	) Sunnyvale, CA 94086
WIRELESS ASYNCHRONOUS	) (408) 530-9700
TRANSFER MODE (ATM)	)
SYSTEMS	) Customer No.: 28960

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Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENTS

Listing of the Claims:

1.   (Currently Amended) A method of integrating a scheduling algorithm in a wireless network shared by a plurality of users comprising the step of ~~utilizing an adaptive contention scheduling scheme~~:

a. generating one or more contention slots;

b. allocating a first number of contention slots according to a request and grant mode, wherein the first number is determined by a number of user access requests;

c. allocating a second number of contention slots according to a contention mode;

d. prioritizing the first number of contention slots and the second number of contention slots; and

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